IN THE UNITED STATES PATENTS AND TRADEMARK OFFICE

In re Application of PAJUNEN, Esko, et al

Re: PCT/EP00/03631

Serial No.:

Group Art Unit: _

Filed:

October 19, 2001

Docket No.: 04146-001US1

For:

METHOD AND APPARATUS FOR THE CONTINUOUS BIOCATALYTIC CONVERSION OF AQUEOUS SOLUTIONS, HAVING ONE OR MORE

DEGASSING STAGES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, DC 20231

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicant's undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Copies of the references as well as Form PTO/SB/08A is attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

- U.S. Patent No. 5,079,011 to Lommi, et al discloses a process to make beer and other beverages using immobilized yeast cells.
- U.S. Patent No. 4,929,452 to Hamdy discloses a method for the brewing of alcohol using a bioreactor containing glass beads.

PCT International Publication No. WO 99/11751 to Umemoto, et al discloses a method to make alcoholic beverages in a fluidized-bed reactor.



European Patent Application No. 0 669 393A1 to Shindo discloses a method for making liquor by a fluidized bed reactor equiped with a liquid circulation pipe and gas exhort port.

PCT International Publication No. WO 96/06923 to Bodmer et al discloses a method to make beer using a biocatalyst wherein the entire cycle of the fermenter is conducted continuously.

Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Information Disclosure Statement to Deposit Account No. 501564.

Respectfully submitted,

SMITH HELMS MULLISS & MOORE/L.L.P.

Date: October 19, 2001.

sy: __

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Docket No.: 04146-001US1

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PTO/SB/08A (10-96)
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(use as many sheets as necessary)

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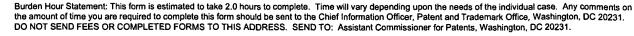
Compl te if Known				
Application Number	Re: PCT/EP00/03631			
Filing Date	4/21/1999			
First Named Inventor	Pajunen, Esko	מ		
Group Art Unit				
Examiner Name		0		
Attorney Docket Number	04146-0011151	94		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Number	Coument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,079,011		Cultor, Ltd.	01/07/1992	
		4,929,452		University of Georgia Research	05/29/1990	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Kind Code ⁵ Office ³ Number ⁴ (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP	88402482.9		Berson, Xavier	04/05/1989		1
		PC	PCT/JP98/03892		Sapporo Breweries Limited	03/11/1999		T
		EP	94926367.7		Sapporo Breweries Limited	08/30/1995		Τ
		PC	PCT/EP95/02759	$-\Box$	Metallgesellschaft A.	03/07/1996		\bot
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Examiner	Date	
Signature	Considered	

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.







^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.